

Abstract

In an arrangement which includes a mounting plate of a fuel pump disposed in a side surface or a bottom surface of a fuel pump, a mounting structure for a fuel pump of an engine is provided that the mounting structure reduces the moment against the mounting plate, surely supports the fuel pump under a stable condition without requiring a large and strong construction and can improve seal function.

The fuel pump mounting structure has an opening (5) in the side surface or the bottom surface of a fuel tank (1). A fuel pump assembly (6) including a cylindrical pump body (7) and a filter (9) connected to a suction side of the pump body (7) is accommodated in a space located inside of the opening (5). A flange section (10a) of a housing that encloses the pump body (7) engages a surrounding area of the opening (5) outside. A mounting plate (12) is covered from the outside of the flange section (10a). The fuel pump assembly (6) is fixed to the opening (5) through the flange section (10a) and the mounting plate (12). The axis of the pump body (7) extends generally parallel to a mounting surface of the mounting plate (12), and the pump body (7) and the filter (9) overlap with each other relative to a position in a direction of the axis.